**Artificial Selection Webquest**

100

**Task 1**

1. What is artificial selection?

2. What is another term for artificial selection?

3. How is artificial selection different from natural selection?

4. What are bananas like in the wild?

5. What genetic variation existed among bananas in the wild?

6. What traits were artificially selected for in bananas for human consumption?

7. How do farmers cultivate a sizable crop once the desired allele combination has been selected for?

8. List 3 advantages of selective breeding.

9. What is an annual plant?

10. Give an example of an annual plant?

11. What is a perennial plant?

12. Why do farmers select annual plants to farm instead of perennials?

13. Why wouldn’t selective breeding be as successful with perennial plants?

14. What advantages to perennials have?

15. What disadvantages to perennials have?

16. Why do farmers need to use so many fertilizers?

17. Where does the fertilizer that is unused by crops go?

18. Why is this a problem?

19. List 3 other disadvantages of using annual plants?

**Task 2**

**FRENCH BULLDOG**

Family:

Original Function:

Area of Origin:

History of the Breed:

**LABRADOR RETRIEVER**

Family:

Original Function:

Area of Origin:

History of the Breed:

**ROTTWEILER**

Family:

Original Function:

Area of Origin:

History of the Breed:

**YORKSHIRE TERRIER**

Family:

Original Function:

Area of Origin:

History of the Breed:

Your Choice: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Family:

Original Function:

Area of Origin:

History of the Breed:

1. What is the difference between artificial selection and natural selection?

2. Why is artificial selection so much faster than natural selection?